



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

BIBDATASHEET**CONFIRMATION NO. 6581**

Bib Data Sheet

SERIAL NUMBER 10/624,839	FILING DATE 07/23/2003 RULE	CLASS 360	GROUP ART UNIT 2653	ATTORNEY DOCKET NO. ASA-867-04
-----------------------------	---------------------------------------	--------------	------------------------	--------------------------------------

APPLICANTS

Yohji Maruyama, Iruma, JAPAN;

 Hiroshi Ikekame, Tokyo, JAPAN;
 Hisashi Takano, Kodaira, JAPAN;

** CONTINUING DATA *****

This application is a CON of 10/318,114 12/13/2002 PAT 6,661,613
 which is a CON of 10/126,576 04/22/2002 PAT 6,529,348
 which is a CON of 09/523,383 03/10/2000 PAT 6,404,594

** FOREIGN APPLICATIONS *****

JAPAN 11-066016 03/12/1999

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 03/22/2004

Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY JAPAN	SHEETS DRAWING 7	TOTAL CLAIMS 10	INDEPENDENT CLAIMS 3
35 USC 119 (a-d) conditions met <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged	Examiner's Signature <i>AH</i>	Initials		

ADDRESS

MATTINGLY, STANGER & MALUR, P.C.
 Suite 370
 1800 Diagonal Road
 Alexandria, VA
 22314

Figs. 16

TITLE

Magnetic disk drive

FILING FEE	FEES: Authority has been given in Paper	<input type="checkbox"/> All Fees
		<input type="checkbox"/> 1.16 Fees (Filing)

Best Available Copy